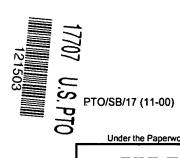
UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	13309US04
First Inventor	M. Afghahi
Title	Dense Content Addressable Memory Cell
Express Mail Label No.	EV304941033US

	1					
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450					
1. See Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification (Total Pages 27) (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R&D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS					
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 1] 5. Oath or Declaration [Total Sheets 2]	(when there is an assignee) Attorney					
a. Newly executed (original or copy)	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations					
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122(b) 16. (2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Other: 2 Month Extension of Time Under 37 CFR					
6 Application Data Sheet. See 37 CFR 1.76						
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 10/127,175 Prior application information: Examiner: Trong Q. Phan Art Unit: 2818 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
19. CORRESPO	NDENCE ADDRESS					
☐ Customer Number: 23446 OR ☐ Correspondence address below						
Name Ronald E. Larson, Esq.						
McAndrews, Held & Malloy, Ltd	· · · · · · · · · · · · · · · · · · ·					
500 W. Madison Street, 34th Fl						
City Chicago State Country USA Telephone	IL Zip Code 60661 312-775-8000 Fax 312-775-8100					
	ration No. (Attorney/Agent) 24,478					
Name (Print/type) Ronald E. Larson Regist	Date Dec. 15, 2003					



Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction act of 1995, no persona are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)1,686.00

C mplete if Kn wn			
Application Number	to be assigned		
Filing Date	herewith		
First Named Inventor	M. Afghahi		
Examiner Name	to be assigned		
Group Art Unit	to be assigned		
Attornov Docket No.	1330011504		

	METH	OD OF PAYME	NT	FEE CALCULATION (continued)					
1 D The C	1 The Commissioner is beauty authorized to shore indicated fore and			3. ADDITIONAL FEES					
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:		٠٠ ٦	3. ADDITIONAL FEES						
l .	tany everpay				Large		Smal		
Deposit		40.0047		Fee	Entity Fee	y Fee	Entity Fee	у	Fee
Account Number		13-0017		Code	(\$)	Code	(\$)	Fee Description	Paid
Deposit			-	1051	130	2051	65	Surcharge - late filing fee or oath	
Account	McAr	idrews Held & Ma	alloy	1052	50	2052	25	Surcharge - late provisional filing fee or cover	
Name		·						sheet	1
			er 37 CFR 1.16 and 1.17						
	cant daims sm 37 CFR 1.27	all entity status.		1053	130	1053	130	Non-English specification	
2. ⊠ Payme	nt Enclosed:			1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
☑ Chec	k ☐ Credit C	ard Money Order	☐ Other	1804	920°	1804	920*	Requesting publication of SIR prior to Examiner action	
	FEE	CALCULATIO	N	1805	1,840	*1805	1,840*	Requesting publication of SIR after Examiner	
1. BASIC FII	INC EEE			1				action	
	y Small Entity			4054	440	0054		Figure 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	——
Fee Fee		Fee Description		1251 1252	110 420	2251 2252	55 210	Extension for reply within first month	420.00
Code (\$)	Code (\$)		Fee Pald	1252	950	2253	475	Extension for reply within second month Extension for reply within third month	420.00
1001 77	0 2001 385	Utility filing Fee	770.00	1254	1,480		740	Extension for reply within fourth month	
1002 34	0 2002 170	Design filing Fee		1255	2.010		1.005	Extension for reply within fifth month	
1003 53		Plant filing fee		1401	330	2401	165	Notice of Appeal	
		·		1402	330	2402	165	Filing a brief in support of an appeal	
1004 77		Reissue filing fee	, Ш	1403	290	2403	145	Request for oral hearing	
1005 16	0 2005 80	Provisional filing fee	•	1451	1.510		1510	Petition to institute a public use proceeding	
				1452	110	2452	55	Petition to revive - unavoidable	
SUBTOTAL (1) (\$)770.00		1453	1,330	2453	665	Petition to revive - unintentional			
2. EXTRA CL	AIM EEES			1501	1,330	2501	665	Utility issue fee (or reissue)	
Z. EXTINCE	AIWIT CLO	e.	e from	1502	480	2502	240	Design issue fee	
			se trom below Fee Paid	1503	640	2503	320	Plant issue fee	
Total Claims	38 - 20** =		18 = 324.00	1460	130	1460	130	Petitions to the Commissioner	
	pg-20 -	iid x	524.00	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Independent Claims	5 - 3** =	2 x	86 = 172.00	1806	180	1806	180	Submission of Information Disclosure Stmt	
Multiple Depe			=	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
Large Entit	v Small Entity			1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
Fee Fee Code (\$)		Fee Description		1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1202 18	2202 9	Claims in excess of	20	1801	770	2801	385	Request for Continued Examination (RCE)	
1201 86	2201 43	Independent daims	in excess of 3	1802	900	1802	900	Request for expedited examination of a design	
1203 29		Multiple dependent		٥.,		15 A		application	\vdash
1204 86		**Reissue independ	•	Other	fee (sp	eary)			L
		over original pater	nt		-		-		
1205 18	2205 9	**Reissue claims in and over original							
SUBTOTAL (2) (\$)496.00									
**or number previously paid, if greater; For Reissues, see above		*Redu	ced by	Basic Fil	ing Fee f	Paid SUBTOTAL (3) (\$)420.00		

SUBMITTED BY			-		Complete (if applicable)
Name (Print/Type)	Ronald E. Larson, Esq.	Registration No. (Attorney or Agent)	24,478	Telephone	312-775-8000
Signature	Konal 6	Larson		Date	Dec. 15, 2003

CERTIFICATE OF Applicant(s): M. Afghah	MAIL" (37 CFR 1.10)	Docket No. 13309US01	
Serial No. 10/127,175	Filing Date April 22, 2002	Examiner Trong Q. Phan	Group Art Unit 2818
Invention: DENSE CON	NTENT ADDRESSABLE MEMO	RY CELL	
I hereby certify that thi		ne Under 37 CFR 1.136(a) (Identify type of correspondence) ce "Express Mail Post Office to A	Addressee" service under
37 CFR 1.10 in an env	velope addressed to: Director of	the United States Patent and Tra	demark Office, P.O. Box
1450, Alexandria, VA	22313-1450 on D	ecember 15, 2003 (Date)	
		Ronald E. Larson (Typed or Printed Name of Person Mail (Signature of Person Mailing Co	lling Correspondence) (Layra
		EV304941033	US
	Note: Each paper must ha	eve its own certificate of mailing.	